make a review of technology regarding use of ethanol and deviation in motor fuels, their economic and financial cost benefit analysis, their availability etc.

2. Plantation of trees, including bio-fuel plantations (Non-edible oilseed bearing trees) and edible oilseed bearing trees on wastelands/degraded lands is an important activity under the ongoing Watershed Development Programmes, namely the Integrated Wastelands Development Programme, the Drought Prone Areas Programme and the Desert Development Programme of the Ministry of Rural Development.

Mine Accidents

*153. SHRIMATI KUM KUM RAI: Will the Minister of COAL AND MINES be pleased to state:

(a) the number of mine labourers trapped and killed in different mines of the country during the last three months;

(b) the amount of compensation paid to next of kin of the deceased killed in coal mines accidents during the above period; and

(c) the additional security measures taken to ensure the safety ot mining work?

THE MINSTER OF STATE FOR COAL AND MINES (SHRI RAVI SHANKAR PRASAD): (a) The number of mine workers killed in different mine accidents in the country during the last three months is as under:—

Mineral type	Number of workers killed in mine accidents during April to June, 2002
Coal Non-	24
coal All	21
minerals	45

(b) The amount of compensation paid under the Workmen's compensation Act to the dependents of persons who lost their lives in

*Original notice of the question was received in Hindi.

coal mine accidents of CIL, SCCL and NLC during the period April-June 2002 is as under:—

Coal Cos.	Compensation paid in Rupees.	Remarks
CIL	30,95,209	Out of total 19 workers killed, compensation has been paid fully in 12 cases, paid partly in 2 cases (balance amount will be paid shortly), 3 cases are under process and in 1 case, there is no . Information regarding 1 case is being collected.
SCCL	3,45,040	Out of total 4 workers killed, compensation paid in 1 case and remaining 3 cases are under process.
NLC	Nil	1 worker killed. Compensation calculated and payment under process.

(c) In addition to compliance with requirements of mining safety laws, Coal India Limited and its subsidiary companies are taking the following measures to check accidents in its coal mines and to make mining work more safe:—

(i) CIL has established a structured multi-disciplinary internal safety organisation (ISO) for monitoring safety status of mines, both at subsidiary level and at CIL Hq.

(ii) Regular safety audits of mines are carried out by experienced mining/electrical/mechanical engineers and the recommendations of the same are implemented.

(iii) Design of system of support of roof in the development workings in underground mines is being done based on Rock Mass Rating study.

(iv) Greater use of quick-setting cement capsule grouted roof bolts is being made for support in development workings in undergrounds mines. Roof-bolting with reoin capsules are under-going trails in some mines of SECL.

(v) Phased replacement of timber support by steel support is being done.

(vi) Reduced exposure of workers to mining hazards has been achieved by mechanisation of loading operations by increasing use of SDLs & LHDs in under ground mines. Also Powered Support Longwall technology, where the face workers work under skin-to-skin steel roof support, have been introduced in some mines.

(vii) Thrust has been put on training & re-training of workmen and supervisors to increase safety awareness of the workmen. 58 standardised training films are under preparation for use in all vocational training centres of CIL.

(viii) Contractor's workers are being imparted training.

(ix) A comprehensive action plan is under implementation to reduce accidents in opencast mines and at surface of mines.

(x) Regular monitoring of mine environment by hand held gas-detectors and flame safety lamps is being done for detecting inflammable and noxious gases. Besides, eight computerised continuous mine environmental telemonitoring system are in operation in eight mines and eight additional numbers of such systems have been procured and are under installation. Thrust has been given for establishment of tele-communication between working areas and the surface.

(xi) Before every monsoon the danger of inundation from both surface and underground sources of water are examined in every mine of CIL and an action plan for preventive measures against the same is prepared and implemented.

(xii) Steps have been taken to promote workers participation in safety management through various bodies from the mine level to area level, subsidiary company level to CIL level who regularly take stock of the safety of mines and make recommendations which are implemented.

(xiii) Coal India Ltd. has made a thorough review of precautions against inundation in its mines and taken the following steps:—

- Check correlation survey has been undertaken to establish the barriers between waterlogged workings wherever danger of inundation exists.
- Assessment of requirement of survey personnel and survey instruments have been made and corrective action is being taken wherever required.
- Thrust has been given on the work of connecting mine plans to the national grid. Mine plan of all but two mines in CIL have been connected to national grid.
- A new technology for establishing the barrier between waterlogged workings by Radar, without physically proving the barrier by drilling, has been tried in some mines of BCCL in colaboration with National Institute of Rock Mechanics, Kolar and the results have found to correlate with survey measurements. This method is being tried out of more mines.

(xiv) All fire stoppings are being made accessible or new fire stoppings are being constructed wherever old ones are not approachable.

Agreement with NSCN (IM)

*154. SHRI MANOJ BHATTACHARYA: Will the Minister of HOME AFFAIRS be pleased to state:

(a) whether Government is heading towards an agreement with the NSCN (IM) within a short time;

(b) if so, whether the demand for greater 'Nagaland' as being promoted by the NSCN (IM) is proposed to be conceded to; and

(c) if so, what are the measures taken to contain the popular sentiments of the people of other North-Eastern States, particularly Minipur?

THE MINISTER OF STATE IN THE MINISTRY OF HOME AFFAIRS (SHRI I.D. SWAMI): (a) to (c) Talks are continuing with the NSCN (IM) to find a peaceful and lasting solution to the problem in Nagaland. The